

LESSON 9

TOPIC 1

Construction Monitoring and Quality Assurance

**CONSTRUCTION
MONITORING AND
QUALITY ASSURANCE**

***Lesson 9 - Topic 1
Instrumentation***

Slide 9-1-1

**CONSTRUCTION MONITORING
AND QUALITY ASSURANCE**

***1. Recall the Basic Types of Geotechnical
Instrumentation***

ACTIVITY: Question-Answer

Slide 9-1-2

Construction Observation and Monitoring

■ ***Visual***

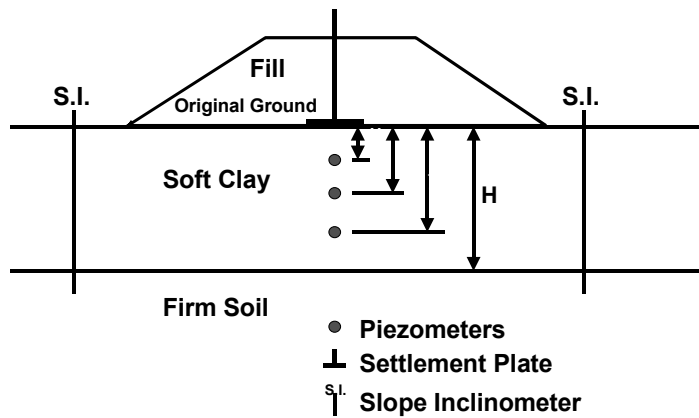
■ ***Instrumentation***

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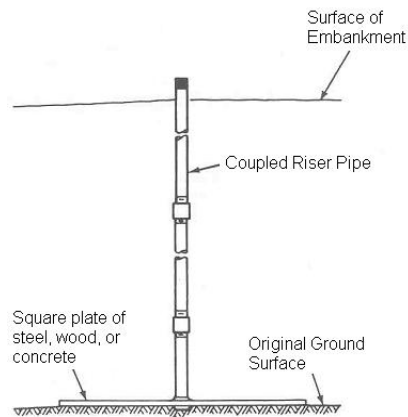
Slide 9-1-4

Typical Instrumentation Plan

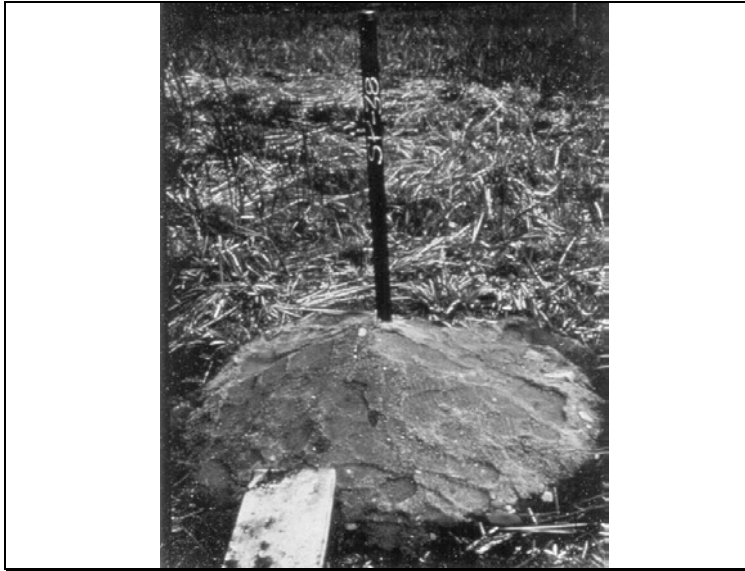


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Settlement Platform Schematic



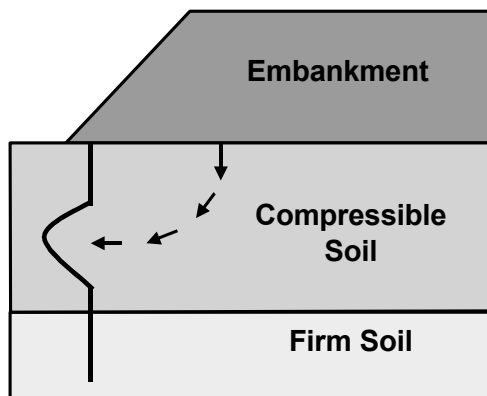
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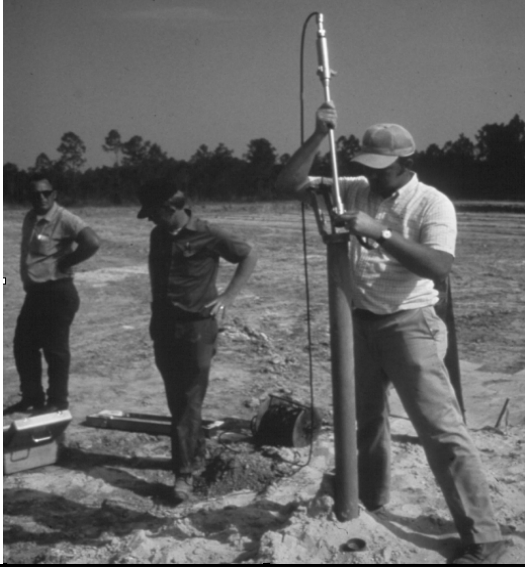
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Vertical Inclinator



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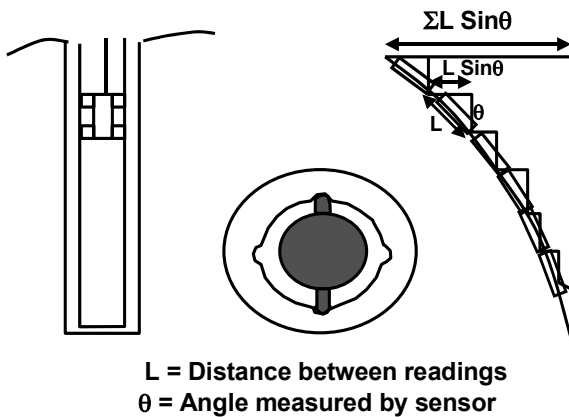
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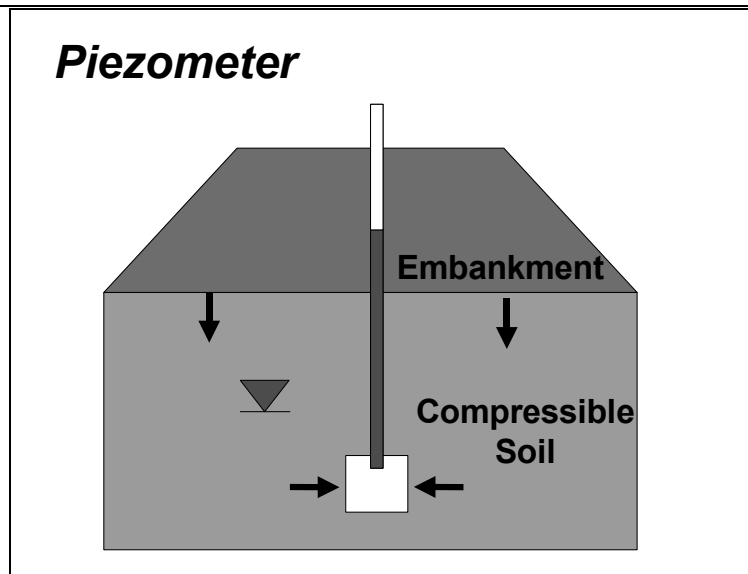
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Principle of Inclinator Operation

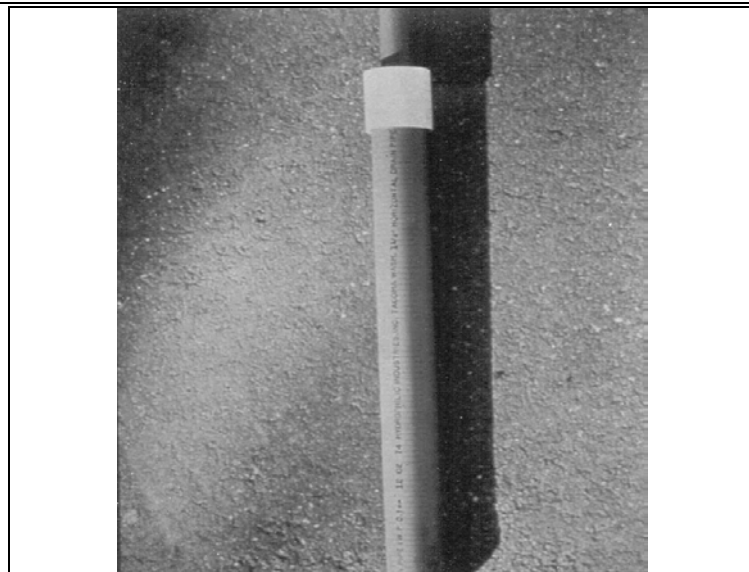


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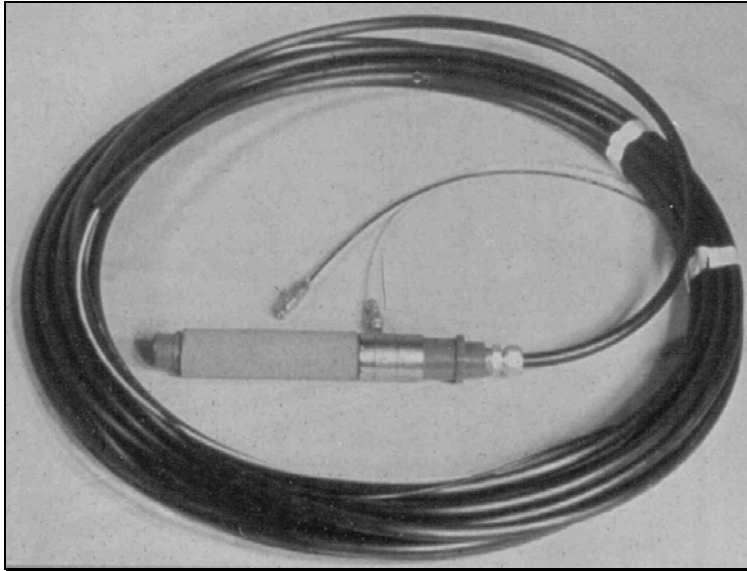
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Slide 9-1-13



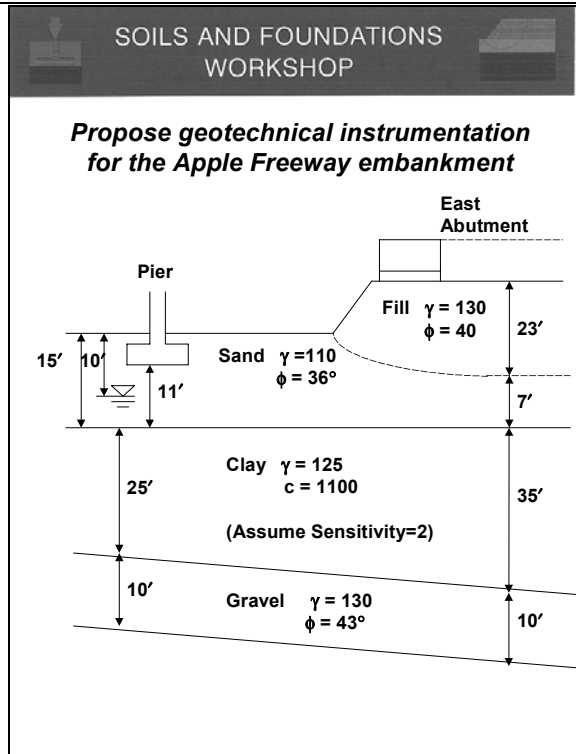
Slide 9-1-14



Slide 9-1-15



Slide 9-1-16



Slide 9-1-17

SOILS AND FOUNDATIONS WORKSHOP

Construction Monitoring and Quality Assurance

- *Recall the basic types of geotechnical instrumentation*

Activities:

Question-Answer

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